**POPSICLE STICKS**

The following pattern was built with popsicle sticks. Complete the table below for the pattern.

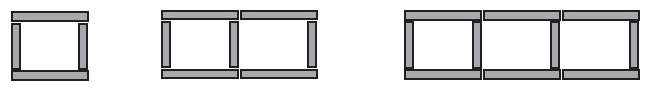


Figure 1

Figure 2

Figure 3

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Figure # | 1 | 2 | 3 | 4 | 5 | 6 | … | 15 |
| # of Sticks | 4 | 7 | 10 |  |  |  |  |  |

Describe the pattern you notice in the pictorial representation

Describe the pattern you notice in the table

Describe how you can find the number of popsicle sticks in the 15th figure

Describe how you can find any number of popsicle sticks when given the figure number

**DOT PATTERNS**

The following pattern was built with chip counters. Complete the table below for the pattern.

Figure 1

Figure 2

Figure 3

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Figure # | 1 | 2 | 3 | 4 | 5 | 6 | … | 15 |
| # of Counters | 5 | 9 | 13 |  |  |  |  |  |

Describe the pattern you notice in the pictorial representation

Describe the pattern you notice in the table

Describe how you can find the number of chip counters in the 15th figure

Describe how you can find any number of chip counters when given the figure number